



AF 2623

Docket No.: 42390P10326

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

ALEXANDER J. HARTMANN, ET AL.

Application No.: 09/729,867

Filed: December 4, 2000

For: **SYSTEM AND METHOD FOR
CLASSIFICATION OF IMAGES AND
VIDEOS**

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NOV 04 2004

Art Group: 2623

Examiner: Vikram Ballal

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

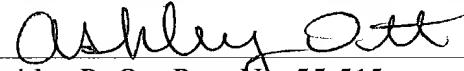
In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted within three (3) months of filing of the application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP



Ashley R. Ott, Reg. No. 55,515

Date: October 29, 2004

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (303) 740-1980

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Leah Schwenke 10-29-04
Date



FEET TRANSMITTAL for FY 2004

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

| | | |
|-------------------------|-------|------|
| TOTAL AMOUNT OF PAYMENT | (\\$) | 0.00 |
|-------------------------|-------|------|

Complete if Known

| | |
|----------------------|-----------------------|
| Application Number | 09/729,867 |
| Filing Date | December 4, 2000 |
| First Named Inventor | Alexander J. Hartmann |
| Examiner Name | Vikram Bali |
| Art Unit | 2623 |
| Attorney Docket No. | 42390P10326 |

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Technology Center 2600

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number

Deposit Account Name

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Paid |
|--------------|----------|--------------|----------|------------------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1001 | 790 | 2001 | 395 | Utility filing fee |
| 1002 | 350 | 2002 | 175 | Design filing fee |
| 1003 | 550 | 2003 | 275 | Plant filing fee |
| 1004 | 790 | 2004 | 395 | Reissue filing fee |
| 1005 | 160 | 2005 | 80 | Provisional filing fee |
| SUBTOTAL (1) | | (\$) | | |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 44 | 62* | = 0 | \$0.00 |
| Independent Claims | 18 | 18* = 0 | \$0.00 |
| Multiple Dependent | | | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 88 | 2201 | 44 | Independent claims in excess of 3 |
| 1203 | 300 | 2203 | 150 | Multiple Dependent claim, if not paid |
| 1204 | 88 | 2204 | 44 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | (\$) | | 0.00 |

**or number previously paid, if greater, For Reissues, see below

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------|--------------|-----------------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| 1051 | 130 | 2051 | 65 Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 Surcharge - late provisional filing fee or cover sheet |
| 2053 | 130 | 2053 | 130 Non-English specification |
| 1812 | 2,520 | 1812 | 2,520 For filing a request for ex parte reexamination |
| 1804 | 920* | 1804 | 920 * Requesting publication of SIR prior to Examiner action |
| 1805 | 1,840* | 1805 | 1,840 * Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 Extension for reply within first month |
| 1252 | 430 | 2252 | 215 Extension for reply within second month |
| 1253 | 980 | 2253 | 490 Extension for reply within third month |
| 1254 | 1,530 | 2254 | 765 Extension for reply within fourth month |
| 1255 | 2,080 | 2255 | 1,040 Extension for reply within fifth month |
| 1404 | 340 | 2401 | 170 Notice of Appeal |
| 1402 | 340 | 2402 | 170 Filing a brief in support of an appeal |
| 1403 | 300 | 2403 | 150 Request for oral hearing |
| 1451 | 1,510 | 2451 | 1,510 Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 55 Petition to revive - unavoidable |
| 1453 | 1,370 | 2453 | 685 Petition to revive - unintentional |
| 1501 | 1,370 | 2501 | 685 Utility issue fee (or reissue) |
| 1502 | 490 | 2502 | 245 Design issue fee |
| 1503 | 660 | 2503 | 330 Plant issue fee |
| 1460 | 130 | 2460 | 130 Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 Prospecting fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 | 40 Recording each patent assignment per property (times number of properties) |
| 1809 | 790 | 1809 | 395 Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 790 | 2810 | 395 For each additional invention to be examined (37 CFR § 1.129(b)) |
| 1801 | 790 | 2801 | 395 Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 Request for expedited examination of a design application |
| Other fee (specify) | | | |

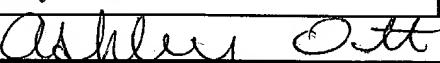
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Ashley R. Ott | Registration No. (Attorney/Agent) | 55,515 | Telephone | (303) 740-1980 |
| Signature |  | | Date | 10/29/04 | |

Based on PTO/SB-17 (10-03) as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 02/10/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



FEE TRANSMITTAL for FY 2004

Effective 10/01/2004. Patent fees are subject to annual revision.

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| First Named Inventor | Alexander J. Hartmann |
| Examiner Name | Vikram Bali |
| Art Unit | 2623 |
| Attorney Docket No. | 42390P10326 |

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METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account

Deposit Account Number
02-2666

Deposit Account Name
Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
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| 1005 160 | 2005 80 | Provisional filing fee | |
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2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 44 | 62* | 0 x 18.00 = | \$0.00 |
| 18 | 18* | 0 x 88.00 = | \$0.00 |
| Multiple Dependent | | | |

| Large Entity | Small Entity | Fee Description |
|---------------|---------------|---|
| Fee Code (\$) | Fee Code (\$) | |
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 88 | 2201 44 | Independent claims in excess of 3 |
| 1203 300 | 2203 150 | Multiple Dependent claim, if not paid |
| 1204 88 | 2204 44 | **Reissue independent claims over original patent |
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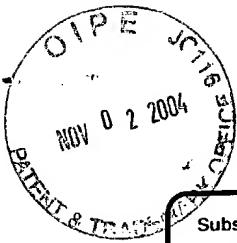
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| 1402 340 | 2402 170 | Filing a brief in support of an appeal | |
| 1403 300 | 2403 150 | Request for oral hearing | |
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| 1502 490 | 2502 245 | Design issue fee | |
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| 1801 790 | 2801 395 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination or a design application | |
| Other fee (specify) | (\$) | | |
| * Reduced by Basic Filing Fee Paid | (\$) | SUBTOTAL (3) | (\$) |

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|-------------------|---------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Ashley R. Ott | Registration No. (Attorney/Agent) | 55,515 | Telephone | (303) 740-1980 |
| Signature | | | | Date | 10/29/04 |

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

1

of

1

Complete if Known

| | |
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| Art Unit | 2623 |
| Examiner Name | Vikkram Bali |
| Attorney Docket Number | 42390P10326 |

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NON PATENT LITERATURE DOCUMENTS

Technology Center 2600

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | | Vailaya, Aditya et al. "A Bayesian Framework for Semantic Classification of Outdoor Vacation Images" | |
| | | Vailaya, Aditiya. "Semantic Classification in Image Databases". Dissertation, 2000. | |
| | | Gorkani, Monika M., Rosalind W. Picard. "Texture Orientation for Sorting Photos 'at a Glance'". IEEE. 1994. pp 459-464. | |
| | | Yiu, Elaine, Frederico Girosi. "Image Classification Using Color Cues and Texture Orientation". 1996. | |
| | | Bradshaw, Ben. "Semantic Based Image Retrieval: A Probabilistic Approach". pp 167-175. | |
| | | Kingsbury, Nick. "The Dual-Tree Complex Wavelet Transform: A New Efficient Tool for Image Restoration and Enhancement". | |
| | | Athitsos, Vassilis et al. "Distinguishing Photographs and Graphics on the World Wide Web". | |
| | | Kohonen, Teuvo et al. "LVQ-PAK: The Learning Vector Quantization Program Package". | |
| | | Banham, Mark R., Aggelos K. Katsaggelos. "Digital Image Restoration". IEEE. 1997. pp 24-41. | |
| | | Lienhart, Rainer and Axel Wernicke, "Localizing and Segmenting Text in Images and Videos". IEEE. Vol. 12, No. 4, April 2002. pp 256-268 | |
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| Examiner Signature | Date Considered |
|--------------------|-----------------|
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450